

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5000	375/229,232,233,235,350.cds.	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/07 10:13
S2	410	fir near2 filter and (multiplexer with multiplier mux with mul) and select\$3 and condition\$3	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/07 10:15
S3	39	S1 and S2	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/07 10:15
S4	67	backplane and (ffe dfe) and fir near2 filter\$3	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/09 15:00
S5	2	S4 and (multiplex?r mux) with (multiplier mul mix\$3)	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/09 15:00
S7	13	reduced with dock with FIR and (mux multiplexer multiplier mul "mux/mul") and coefficient	USPAT; USOCR	OR	ON	2009/07/09 17:38
S9	556	(multiplexer mux) with control with coefficient	US-PGPUB; USPAT	OR	ON	2009/07/13 10:51
S10	32	(multiplexer mux) with control with coefficient with gain	US-PGPUB; USPAT	OR	ON	2009/07/13 10:51
S11	6	(multiplexer mux) with select\$3 with coefficient same gain same sign	US-PGPUB; USPAT	OR	ON	2009/07/13 14:54
S12	23	(multiplexer mux) with select\$3 with coefficient same odd with even	US-PGPUB; USPAT	OR	ON	2009/07/13 14:55
S13	103	ghost with (cancellation correct\$3 compensat\$3) with filter with coefficient	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/22 13:31
S14	1	S13 and gain with (sign polarity)	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/22 13:31
S15	5	S13 and coefficient with negative	US-PGPUB; USPAT; FPRS; EPO; DERWENT	OR	ON	2009/07/22 13:34
S16	8	reduced near2 clock with fir with filter	US-PGPUB; USPAT	OR	ON	2009/07/23 16:11
S17	2414	375/232,233.cds.	US-PGPUB; USPAT	OR	ON	2009/07/23 16:19
S18	9	S17 and (mux multiplexer) same (mul multiplier) same (clock clk) with (mux multiplexer)	US-PGPUB; USPAT	OR	ON	2009/07/23 16:20

S19	1	((ffe dfe (feed adj forward feed-forward feedback decision adj feedback) adj equaliz\$5) same (odd and even) and ((dual double) near2 edge double-edge dual-edge) with clock\$3	US-PGPUB; USPAT	OR	ON	2009/07/24 10:02
S20	1	((ffe dfe (feed adj forward feed-forward feedback decision adj feedback) adj equaliz\$5) and (odd and even) and ((dual double) near2 edge double-edge dual-edge) with clock\$3	US-PGPUB; USPAT	OR	ON	2009/07/24 10:03
S21	2414	375/232,233.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/24 10:06
S22	1	S21 and odd and even and ((dual double) near2 edge double-edge dual-edge) with clock\$3	US-PGPUB; USPAT	OR	ON	2009/07/24 10:06
S23	1	S21 and ((dual double) near2 edge double-edge dual-edge) with clock\$3	US-PGPUB; USPAT	OR	ON	2009/07/24 10:07
S24	281	S21 and odd and even	US-PGPUB; USPAT	OR	ON	2009/07/24 10:07
S25	233	S21 and odd same even	US-PGPUB; USPAT	OR	ON	2009/07/24 10:07
S26	6	S25 and mux with (latch\$3 flip-flop flipflop flip adj flop ff)	US-PGPUB; USPAT	OR	ON	2009/07/24 10:12
S27	6	S26 and mux with (clock clk)	US-PGPUB; USPAT	OR	ON	2009/07/24 10:12
S28	0	high near2 (speed frequency) with (filter equalizer) and mux same (clock clk) same (latch flip-flip flip adj flop ff) and clock with (double adj edge double-edge dual adj edge dual-edge)	US-PGPUB; USPAT	OR	ON	2009/07/24 11:08
S29	4	high near2 (speed frequency) with (filter equalizer) and (mux multiplexer) same (clock clk) and (latch flip-flip flip adj flop ff) and clock with (double adj edge double-edge dual adj edge dual-edge)	US-PGPUB; USPAT	OR	ON	2009/07/24 11:08
S30	574455	fir with filter with coefficient same negative coefficient	US-PGPUB; USPAT	OR	ON	2009/07/27 11:35
S31	83	fir with filter with coefficient same negative with coefficient	US-PGPUB; USPAT	OR	ON	2009/07/27 11:35
S32	40	fir with filter with coefficient same negative near2 coefficient	US-PGPUB; USPAT	OR	ON	2009/07/27 11:35
S33	15	fir with filter with coefficient same negative near2 coefficient and (equalizer dfe ffe)	US-PGPUB; USPAT	OR	ON	2009/07/27 11:38
S34	1074	375/229.ccls.	US-PGPUB; USPAT	OR	ON	2009/07/27 16:10
S35	0	((odd same even) with data same latch \$3 same (mux multiplex\$3) and clock with (double-edge double adj edge dual adj edge dual-edge)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:10

S36	0	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient with filter \$3 and (retimer re-timer) with (half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:10
S37	0	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient with filter \$3 and (retim re-timer) with (half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:10
S38	0	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient with filter \$3 and (retim\$3 re-tim\$3) with (half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:10
S39	0	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient same filter \$3 and (retim\$3 re-tim\$3) same (half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:11
S40	76	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient same filter \$3 and (retim\$3 re-tim\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:11
S41	0	(updat\$3 condition\$3 compensat\$3 correct\$3) with coefficient same filter \$3 and (retim\$3 re-tim\$3) and (half-rate half adj rate) with (clock clk)	US-PGPUB; USPAT	OR	ON	2009/07/27 16:11
S42	13	transvers\$2 with filter with fir same latch\$3 and clock and odd same even	US-PGPUB; USPAT	OR	ON	2009/07/27 16:16
S43	15	transvers\$2 with filter with fir same latch\$3 and clock	US-PGPUB; USPAT	OR	ON	2009/07/27 16:22
S44	6	transvers\$3 near2 filter and "10Gb/s" and (latch ff flip-flop flip adj flop) with (odd and even)	US-PGPUB; USPAT	OR	ON	2009/07/27 17:46
S45	35	transvers\$3 near2 filter and (latch ff flip-flop flip adj flop) with (odd and even)	US-PGPUB; USPAT	OR	ON	2009/07/27 18:35
S46	6	transvers\$3 near2 filter and (latch ff flip-flop flip adj flop) with (odd and even) same (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 18:35
S47	509	(latch ff flip-flop flip adj flop) with (odd and even) same (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2009/08/06 15:30
S48	20	S47 and 375/229,232,233.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/06 15:30
S49	15	S48 and half with clock	US-PGPUB; USPAT	OR	ON	2009/08/06 17:47
S50	4	S48 and half near2 rate with clock	US-PGPUB; USPAT	OR	ON	2009/08/06 17:48
S51	18	(half near rate half-rate) near2 (clock clk) and 375/229,232,233.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/06 17:49
S52	8	("20040091028"   "20050180498"   "20060067440"   "5825701"   "6002713"   "6707850").PN. OR ("7106099").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 13:53
S53	32	equaliz\$5 same (half-rate half adj rate double-edge double adj edge) near2 clock\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 13:58

S54	62	fir adj filter\$3 and (mux multiplexer) same (odd and even) same coefficient	US-PGPUB; USPAT	OR	ON	2009/08/11 14:13
S55	14	fir adj filter\$3 same (mux multiplexer) same (odd and even) same coefficient	US-PGPUB; USPAT	OR	ON	2009/08/11 14:13
S56	17	fir adj filter\$3 same (mux multiplexer) with (odd and even)	US-PGPUB; USPAT	OR	ON	2009/08/11 15:10
S57	9	S56 not S55	US-PGPUB; USPAT	OR	ON	2009/08/11 15:10
S58	17	(half-rate half adj rate double adj edge double-edge double) near2 clock \$3 with equaliz\$5	US-PGPUB; USPAT	OR	ON	2009/08/11 15:15
S59	6	(half-rate half adj rate double adj edge double-edge double) near2 clock \$3 with fir adj filter	US-PGPUB; USPAT	OR	ON	2009/08/11 15:26
S60	0	((odd same even) with data same latch \$3 same (mux multiplex\$3) and clock with (double-edge double adj edge dual adj edge dual-edge)	US-PGPUB; USPAT	OR	ON	2009/08/12 11:42
S61	357	((odd same even) with data same latch \$3 same (mux multiplex\$3) and clock	US-PGPUB; USPAT	OR	ON	2009/08/12 11:42
S62	171	((odd same even) with data same latch \$3 same (mux multiplex\$3) same clock	US-PGPUB; USPAT	OR	ON	2009/08/12 11:42
S63	100	((odd same even) with data same latch \$3 same (mux multiplex\$3) with clock	US-PGPUB; USPAT	OR	ON	2009/08/12 11:42
S64	92	((odd same even) with data same (latch\$3 same (mux multiplex\$3)) with clock	US-PGPUB; USPAT	OR	ON	2009/08/12 11:43
S65	6441	clock near2 (reduced half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/08/12 11:59
S66	5	S64 and S65	US-PGPUB; USPAT	OR	ON	2009/08/12 11:59
S67	630	((multiplexer mux) with (clock clk) with (select\$3 control\$5) same (mixer multiplier coefficient)	US-PGPUB; USPAT	OR	ON	2009/08/12 12:08
S68	16	S67 and 375/229,232,233.ccls.	US-PGPUB; USPAT	OR	ON	2009/08/12 12:09
S69	1	"5367476".pn.	US-PGPUB; USPAT	OR	ON	2009/09/09 15:22
S70	550	((mux multiplex\$3) with latch with clock).clm.	US-PGPUB; USPAT	OR	ON	2009/09/09 15:37
S71	5	S70 and ((fir finite adj impulse adj response) with filter\$3	US-PGPUB; USPAT	OR	ON	2009/09/09 15:38
S72	395	((fir finite adj impulse adj response) near2 filter\$3 same equaliz\$5 and clock and odd same even	US-PGPUB; USPAT	OR	ON	2009/09/09 17:09
S73	77	((fir finite adj impulse adj response) near2 filter\$3 same equaliz\$5 and clock same odd same even	US-PGPUB; USPAT	OR	ON	2009/09/09 17:09
S74	68	((fir finite adj impulse adj response) near2 filter\$3 same equaliz\$5 and clock same odd with even	US-PGPUB; USPAT	OR	ON	2009/09/09 17:09

S75	45	(fir finite adj impulse adj response) near2 filter\$3 same equaliz\$5 and clock with odd with even	US-PGPUB; USPAT	OR	ON	2009/09/09 17:09
S76	7	(fir finite adj impulse adj response) near2 filter\$3 same equaliz\$5 and clock with odd with even same (mux multiplexer)	US-PGPUB; USPAT	OR	ON	2009/09/09 17:10
S77	399	(latch\$3 flip-flop flip adj flop) same (mux multiplex\$3) same (clock clk) same (coefficient gain)	US-PGPUB; USPAT	OR	ON	2009/09/09 17:12
S78	3939	375/229-236.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/09 17:12
S79	21	S77 and S78	US-PGPUB; USPAT	OR	ON	2009/09/09 17:12
S80	1	("2007/0147559").URPN.	USPAT	OR	ON	2009/09/09 17:48
S81	12	("20020044598"   "20020094055"   "20020095541"   "20020136343"   "20030035495"   "20040114670"   "20040170244"   "20070147559"   "5068873"   "5881108"   "6243425"   "6796828").PN. OR ("7409019").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/09 17:48
S82	1457	(lower\$3 reduc\$4 half-rate half adj rate) with (frequency clock\$3 clk) same (fir finite adj impulse adj response) with filter	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:13
S83	819	(lower\$3 reduc\$4 half-rate half adj rate) near2 (frequency clock\$3 clk) same (fir finite adj impulse adj response) with filter	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:13
S84	34	S83 and 375/229-236.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:14
S85	655	(lower\$3 reduc\$4 half-rate half adj rate double adj edge double-edge) near2 (frequency clock\$3 clk) and 375/229-236.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:32
S86	44	S85 and (multiplex\$3 mux) same (latch flipflop flip-flop flip adj flop)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:32
S87	22	S85 and (multiplex\$3 mux) same (latch flipflop flip-flop flip adj flop) and odd and even	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:33
S88	11	S85 and (multiplex\$3 mux) same (latch flipflop flip-flop flip adj flop) same odd same even	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/10 15:33
S89	3988	375/229-236.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/11 12:20
S90	27	S89 and (clock\$3 clk) with (half-rate half adj rate reduc\$3 adj rate double adj edge double-edge dual adj edge dual-edge)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/11 12:21
S91	2001	odd with even same (latch flip-flop flip adj flop flipflop) same (select\$3 multiplex\$3 mux)	US-PGPUB; USPAT	OR	ON	2009/09/14 17:08

S92	494	odd with even with (multiplex\$3 mux) same (latch flip-flip flip adj flop flipflop)	US-PGPUB; USPAT	OR	ON	2009/09/14 17:09
S93	305	odd with even with (multiplex\$3 mux) with (latch flip-flip flip adj flop flipflop)	US-PGPUB; USPAT	OR	ON	2009/09/14 17:09
S94	212	S93 and (clock\$3 clk) with (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2009/09/14 17:09
S95	100	S93 and (clock\$3 clk) with (mux multiplex\$3) with select\$3	US-PGPUB; USPAT	OR	ON	2009/09/14 17:10
S96	39	S95 and (clock\$3 clk frequency) with (reduc\$4 half-rate half adj rate)	US-PGPUB; USPAT	OR	ON	2009/09/14 17:11
S97	19	((fir adj filter) same (reduc\$4 half halv \$3 "1/2") with (clock\$3 clk) same shift near2 register	US-PGPUB; USPAT	OR	ON	2009/09/18 14:56
S98	86	((fir adj filter) and (reduc\$4 half halv \$3 "1/2") with (clock\$3 clk) same shift near2 register same (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2009/09/18 15:56
S99	5	((fir adj filter) and (reduc\$4 half halv \$3 "1/2") near2 (clock\$3 clk) same shift near2 register same (mux multiplex\$3)	US-PGPUB; USPAT	OR	ON	2009/09/18 15:57
S100	293	(high adj speed high-speed) with fir near2 filter	US-PGPUB; USPAT	OR	ON	2009/09/18 16:23
S101	61	(high adj speed high-speed) with fir near2 filter\$3 and (shift adj register latch\$3) same (clock\$3 clk reference adj frequency)	US-PGPUB; USPAT	OR	ON	2009/09/18 16:24
S102	13	(high adj speed high-speed) with fir near2 filter\$3 and (shift adj register latch\$3) same (clock\$3 clk reference adj frequency) same (multiplex\$3 mux \$3)	US-PGPUB; USPAT	OR	ON	2009/09/18 16:24
S103	6	(latch flip adj flip flip-flip) same odd same even same phase adj delay	US-PGPUB; USPAT	OR	ON	2009/09/22 13:19
S104	643	(latch flip adj flip flip-flip) same clock with phase near2 delay\$3	US-PGPUB; USPAT	OR	ON	2009/09/22 13:21
S105	255	(latch flip adj flip flip-flip) with clock with phase near2 delay\$3	US-PGPUB; USPAT	OR	ON	2009/09/22 13:21
S106	1	(latch flip adj flip flip-flip) with clock with phase near2 delay\$3 same odd same even	US-PGPUB; USPAT	OR	ON	2009/09/22 13:21
S107	2	((MARCEL) near2 (LAPointe)).INV.	US-PGPUB; USPAT	OR	ON	2009/09/22 14:52
S108	57	S107 (diablo mmv adj financial).as.	US-PGPUB; USPAT	OR	ON	2009/09/22 14:59
S109	1	S108 and ((multiplexer mux) and multiplier and latch and gain and filter and clock).dm.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:00
S110	1	S108 and ((multiplexer mux) and latch and gain and filter and clock).dm.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:00

S111	1	S108 and ((multiplexer mux) and latch and gain and filter).dm.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:01
S112	1	S108 and (latch and clock and gain and filter).dm.	US-PGPUB; USPAT	OR	ON	2009/09/22 15:01

**EAST Search History (Interference)**

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